

Technical data sheet

Revision a
Revision 02/2024

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDOME

Model
S24-B4-1

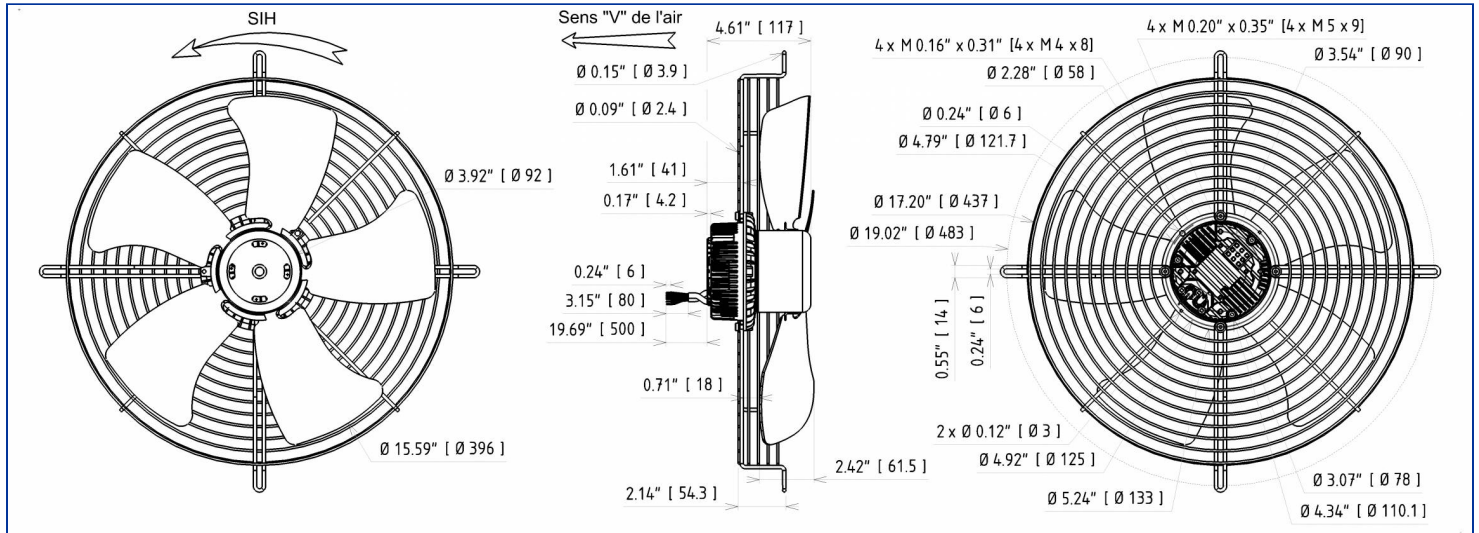


Designation **VPRuV8 400V**

Range Axial fans with electronic commutation motor

ELECTRICAL DATA

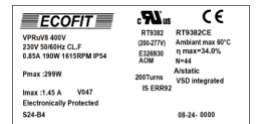
Tension (V)	230
Frequency (Hz)	50/60
Current (A)	0.85
Maximum current (A)	1.45
Power (W)	190
Maximum power (W)	299
Rotation (RPM)	1615
Cos Φ	0.972
Temperature min/max (°C)	-25/+60



MARKING & STANDARDS

Conformity

- **CE** RT9382CE IEC 60335-2-80, IEC 60335-1, EN 60331-2-80, EN 60335-1
- **UL** RT9382 UL1004-1, 2nd edition rotating electrical machine File number E326930



The product is manufactured in accordance with EN 60335-1, UL1004-1, and RoHS directive 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

Issued: 2024-02-22 at 17:34 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

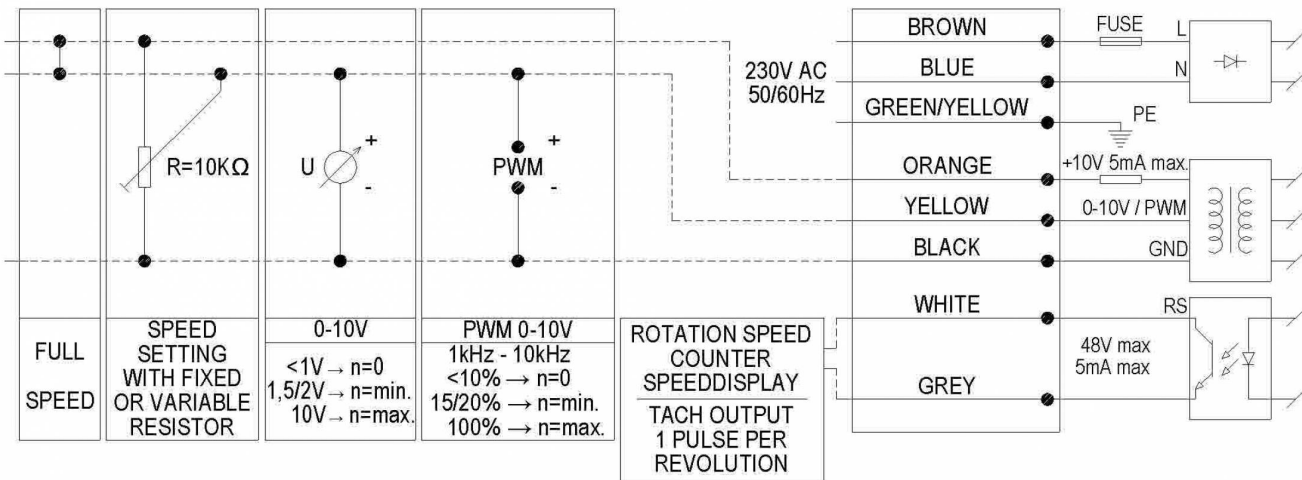
EN - Page 1 / 4

TECHNICAL DATA

Description

- Weight: 4.20 kg
- Class F
- Protection level: 54 | Protection against ingress of dust / Protection against ingress of water : splashing
- Motor's protection Electronically protected
- Bearing type: 2 ball bearings 6000ZZ
- Balance level: G6.3

Wiring diagram



Finishes

- Rotor electrolytic galvanizing protection
- Impeller black painted
- Basket finger guard : black paint



by



ADDITIONAL DATA

Documentations

- Operating and recycling manual
<http://www.ecofit.com/anglais/normes>

Measurement setup

- Ring 16088-0 VIROLE V400 RONDE

ERP DATA

Data according to ErP directive

- Designed for standard applications according to the directive EU 2009/125/EC

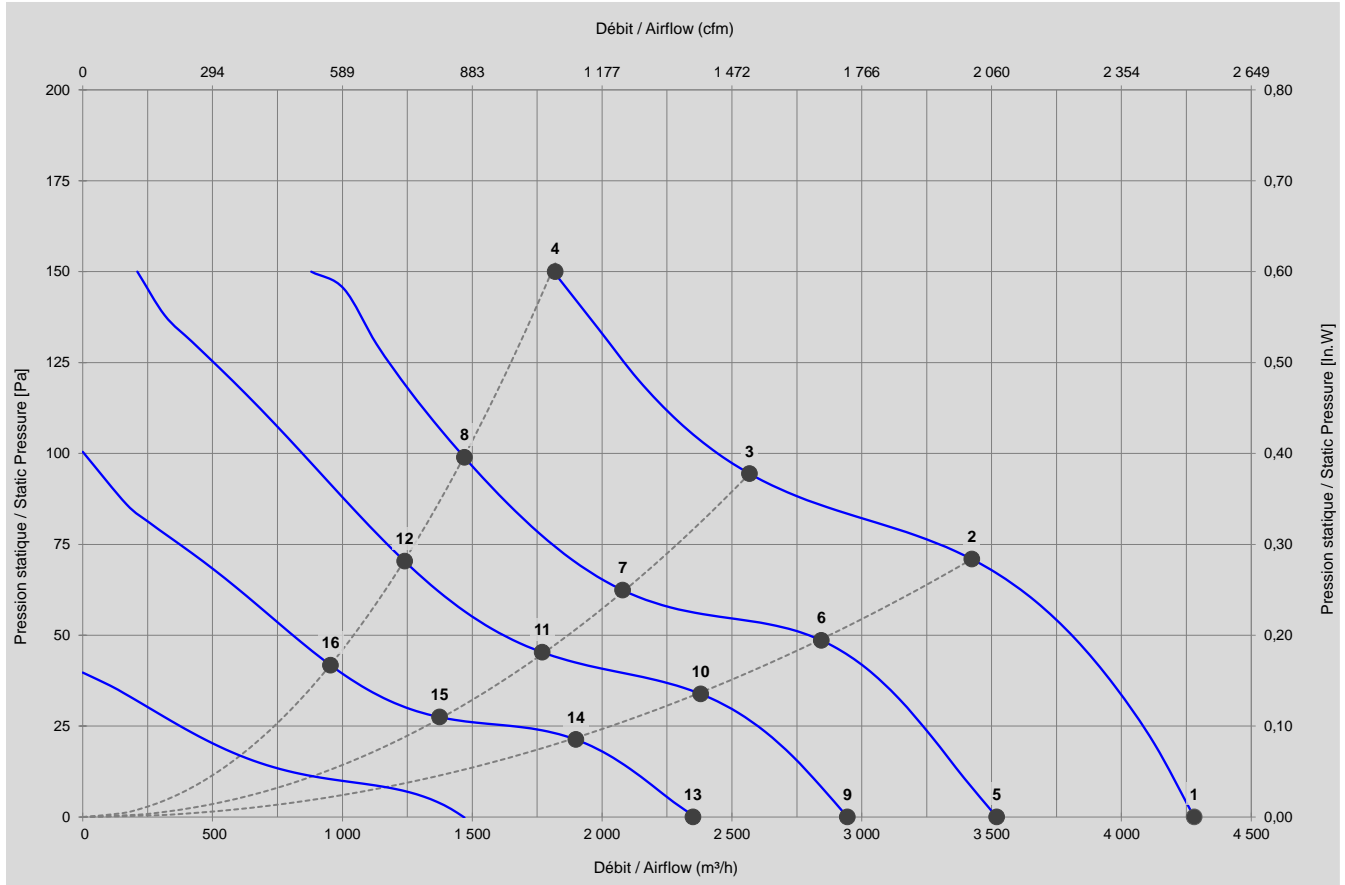
Tension	230 V
Frequency	50/60 Hz
Power ¹	0.231 kW
Airflow ¹	2954 m3/h
Pressure ¹	84 Pa
Rotation ¹	1602 RPM
Catégorie de mesure	A
Catégorie de rendement	total
Variateur de vitesse	Yes
Rapport spécifique	1.00

	Actual	2015
Rendement global	34.0	29.7
Niveau de rendement	44	40

¹ at optimum energy efficiency point

TECHNICAL DATA

Do not use in pumping zone.



Mesures / Measured Values*

	Un (V)	Vctl (Vdc)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (In.W)	Lp _{in} (dBA)
1	230	10	50/60	190	1615	4 280	0	2 519	0,000	NA
2	230	10	50/60	240	1600	3 424	71	2 015	0,284	74
3	230	10	50/60	233	1604	2 568	94	1 512	0,378	74
4	230	10	50/60	295	1603	1 820	150	1 071	0,601	75
5	230	8	50/60	106	1306	3 520	0	2 072	0,000	69
6	230	8	50/60	130	1304	2 845	49	1 675	0,195	69
7	230	8	50/60	130	1304	2 080	62	1 224	0,250	68
8	230	8	50/60	158	1306	1 470	99	865	0,396	69
9	230	6	50/60	72	1100	2 945	0	1 733	0,000	64
10	230	6	50/60	82	1102	2 380	34	1 401	0,136	64
11	230	6	50/60	81	1104	1 770	45	1 042	0,181	64
12	230	6	50/60	97	1105	1 240	70	730	0,282	64
13	230	4	50/60	40	849	2 350	0	1 383	0,000	56
14	230	4	50/60	42	850	1 900	21	1 118	0,085	56
15	230	4	50/60	42	850	1 375	27	809	0,110	56
16	230	4	50/60	48	849	955	42	562	0,167	57

* Air performance measured according to: ISO 5801, installation category C.
Intake-side sound level: according to ISO 3744, LpA measured at 1 m distance from fan axis. The values given are only applicable under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation

The product is manufactured in accordance with EN 60335-1, UL1004-1, and RoHS directive 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

Issued: 2024-02-22 at 17:34 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.